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Tyre tread rubber compsn. with high damping force on wet road - comprises
polyepoxy natural rubber, polyisoprene rubber and
polystyrene-polybutadiene rubber

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Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
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| JP 6220254 | A | 19940809 | JP 939335 | A | 19930122 | 199436 B |

Priority Applications (No Type Date): JP 939335 A 19930122

Patent Details:

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| JP 6220254 | A | | 5 C08L-009/06 | |

Abstract (Basic): JP 6220254 A

The rubber compsn. comprises 5-30 pts. wt. of an epoxy natural rubber and 40-80 pts. wt. of a styrene-butadiene copolymer rubber, with the sum of diene rubbers other than epoxy natural rubber, natural rubber, and polyisoprene rubber and the styrene-butadiene copolymer rubber of less than 80 pts. wt. when the total sum of rubber components is 100 pts. wt.

Pref. the rubber compsn. comprises 5-30 pts. wt. of the epoxy natural rubber, less than 50 pts. wt of natural rubber, polyisoprene rubber, and/or their mixture, and 40-80 pts. wt. of the styrene-butadiene copolymer rubber and has the sum of diene rubbers other than epoxy natural rubber, natural rubber, and polyisoprene rubber and the styrene-butadiene copolymer rubber of less than 80 pts. wt. when the total sum of rubber components is 100 pts. wt.

The epoxy natural rubber is, e.g. an epoxy natural rubber (ENR25)

with an epoxidation ratio of 25% The polyisoprene rubber is, e.g. Nipol IR2200 (RTM). The styrene-butadiene copolymer is, e.g. Nipol NS112(RTM).

USE/ADVANTAGE - The tyre tread is used for cars. The tyre tread rubber composition has a high damping force on a wet road retaining its high wear resistance and low rolling resistance.

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Title Terms: TYRE; TREAD; RUBBER; COMPOSITION; HIGH; DAMP; FORCE; WET; ROAD

; COMPRISE; POLYEPOXIDE; NATURAL; RUBBER; POLYISOPRENE; RUBBER; POLYSTYRENE; POLYBUTADIENE; RUBBER

Derwent Class: A11; A12; A95; Q11

International Patent Class (Main): C08L-009/06

International Patent Class (Additional): B60C-001/00; C08L-009/06;

C08L-015-00; C08L-063-08

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